

Converting Colors

CIELCh(94, 1.283, 54.173)

Have a look what the booklet for
CIELCh(94, 1.283, 54.173) contains.

CIELCh(94, 1.174, 44.829)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	19
<i>Color Blindness Simulation</i>	22
<i>CSS Examples</i>	25

Color

CIELCh(94, 1.174, 44.829)

Conversions

Conversions Part 1

Format	Color
Hex	F0EDEC
RGB	240, 237, 236
RGB Percent	94%, 93%, 93%
CMY	0.0582, 0.0700, 0.0739
CMYK	0.00, 0.01, 0.02, 0.06
HSL	15°, 12%, 93%
HSV	15°, 2%, 94%
XYZ	81.4758, 85.2715, 91.6360
YIQ	237.7830, 2.1090, 0.3250

Conversions

Conversions Part 2

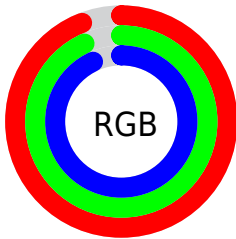
Format	Color
R _Y B	240, 237, 236
Decimal	15789548
CIE Lab	94.00, 0.83, 0.83
CIE LCh	94, 1.174, 44.829
Yxy	85.2715, 0.3153, 0.3300
Android (android.graphics.Color)	4293979628 (0xFFFF0EDEC)
YUV	237.7830, -0.8790, 1.9443
Hunter-Lab	92.3426, -4.1053, 5.8035

Details

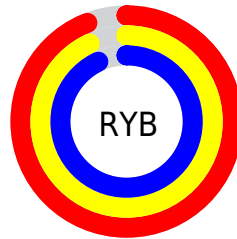
The CIELCh color **94, 1.174, 44.829** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **94, 1.169, 226.134**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **74, 1.237, 44.923** is the 20% darker color. If you saturate the color by 10%, you get **89, 8.570, 44.978**, and if you desaturate by 10%, it is **99, 5.111, 199.211**.

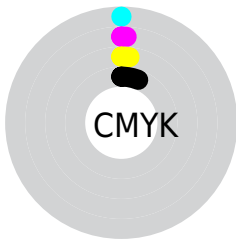
Distribution



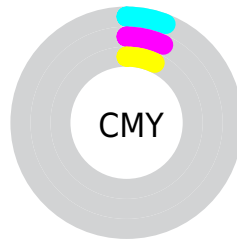
- Red (94%)
- Green (93%)
- Blue (93%)



- Red (94%)
- Yellow (93%)
- Blue (93%)



- Cyan (0%)
- Magenta (1%)
- Yellow (2%)
- Black (6%)














- Cyan (6%)
- Magenta (7%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 1.174, 44.829 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 94, 1.174, 44.829 by changing the saturation by 10% instead.

 94, 1.174, 44.829	 94, 1.174, 44.829
 100, 1.174, 44.829	 84, 1.174, 44.829
	 74, 1.174, 44.829
	 64, 1.174, 44.829
	 54, 1.174, 44.829
	 44, 1.174, 44.829
	 34, 1.174, 44.829
	 24, 1.174, 44.829
	 14, 1.174, 44.829
	 4, 1.174, 44.829

94, 1.174, 44.829

94, 1.174, 44.829

89, 8.570, 44.978

99, 5.111, 199.211

84, 16.574, 44.674

79, 25.241, 44.457

74, 34.606, 44.373

70, 44.667, 44.452

66, 55.350, 44.705

62, 66.438, 45.097

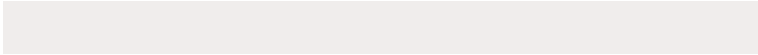
59, 77.406, 45.475

56, 87.087, 45.424

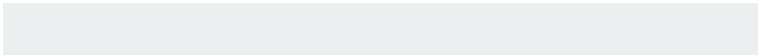
Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



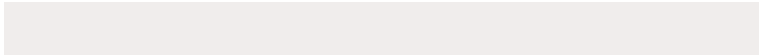
94, 1.174, 44.829



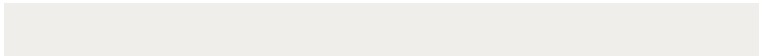
94, 1.169, 226.134

Rectangle

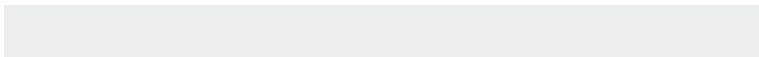
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



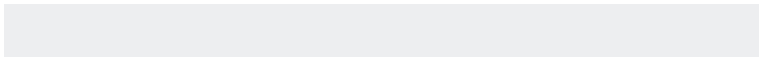
94, 1.174, 44.829



94, 1.174, 94.829



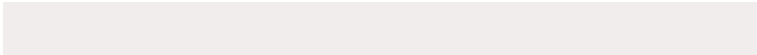
94, 1.174, 224.829



94, 1.174, 274.829

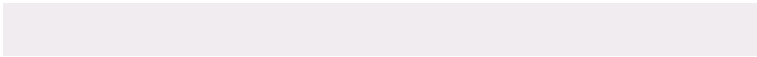
Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



94, 1.174, 44.953

100, 0.012, 296.813



94, 2.115, 332.272



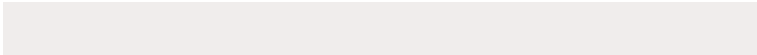
53, 0.007, 296.813



0, 0.000, 0.000

Same Dimension

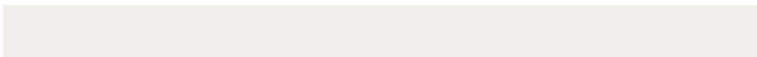
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 1.174, 44.953



99, 1.482, 45.026



94, 1.566, 96.901



50, 0.801, 45.006



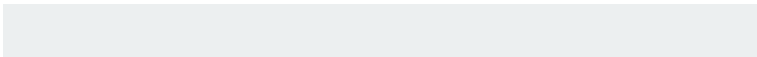
41, 75.743, 45.303



10, 25.479, 38.432

Inverse Universe

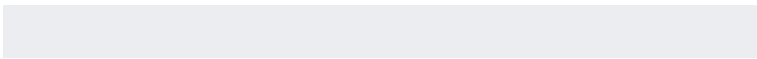
The Inverse Universe completely reimagines the original color for something new.



94, 1.169, 226.134



99, 1.472, 226.063



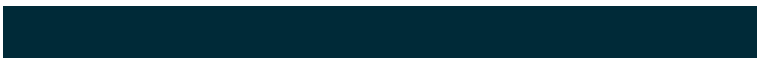
94, 1.588, 277.561



50, 0.796, 226.083



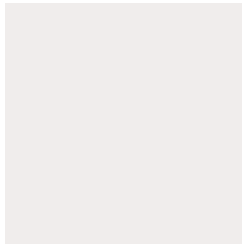
53, 35.784, 246.435



15, 15.131, 239.054

Previews

White Background



This preview shows how the CIE LCh color 94, 1.174, 44.829 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 94, 1.174, 44.829 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

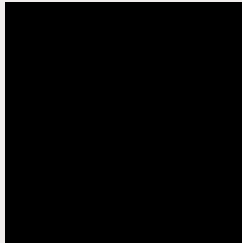
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

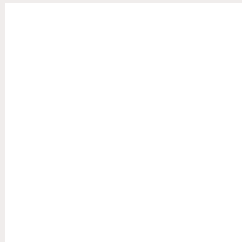
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 1.174, 44.829

Background



This preview shows how black text looks on a background with the CIELCh color 94, 1.174, 44.829.

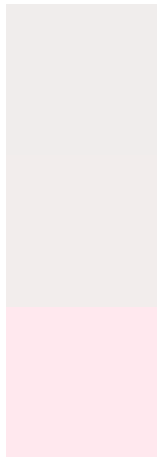


This preview shows how white text looks on a background with the CIELCh color 94, 1.174, 44.829.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

94, 1.174, 44.829

Protanopia

94, 1.845, 35.328

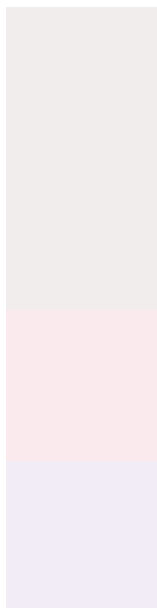
Deuteranopia

94, 8.815, 359.530



Tritanopia
94, 9.721, 307.430

Trichromacy



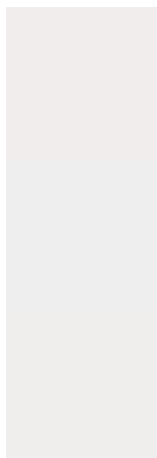
Original Color
94, 1.174, 44.829

Protanomaly
94, 1.504, 39.019

Deuteranomaly
94, 5.938, 4.694

Tritanomaly
94, 6.073, 310.804

Monochromacy



Original Color
94, 1.174, 44.829

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 0.612, 74.632

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 1.174, 44.829 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(240, 237, 236)` looks like.

```
.text, #text, p{  
    color:rgb(240, 237, 236)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(240, 237, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 237, 236) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 1.174, 44.829 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(240, 237, 236) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(240, 237, 236) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(240, 237, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 237, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 237, 236);  
box-shadow:4px 4px 4px 4px rgb(240, 237,  
236) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 1.174, 44.829 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 237, 236) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(240,  
237, 236) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor